

JP11034494**Publication Title:****PHOTOTHERMAL CONVERSION MATERIAL****Abstract:****Abstract of JP11034494**

PROBLEM TO BE SOLVED: To provide a photothermal conversion material having a photothermal conversion layer of a low cost by improving sensitivity of the conversion layer by raising absorptivity of a laser beam. **SOLUTION:** The photothermal conversion material comprises a photothermal conversion layer containing laser absorption dye, binder and laminar inorganic compound. The inorganic compound contained in the layer is preferably water swelling synthetic mica, which has an aspect ratio of 100 or more. And, a weight ratio of the mica to the dye and binder in the layer is desirably 1/100 to 55/1000. The material is particularly suitably used for thermal transfer material. Data supplied from the esp@cenet database - Worldwide

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